Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 16 Dec 2021 until 23:59 on Friday 17 Dec 2021

Forecast Issued on Wednesday 15 Dec 2021 at 16:59

Confidence: High for largely dry, settled conditions throughout, but low for details of cloud, with a large area of high pressure becoming centred over the UK.

Headline for Thursday 16 Dec 2021: Mainly dry rather a lot of cloud in west, brighter in east.

Mountain weather hazards on Thursday 16 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 16 Dec 2021

Weather: Mostly cloudy across western hills with a little drizzle possible, but drier across the east with some decent clear or sunny spells developing. Risk of low level fog patches at first and again later in east.

Chance of cloud free mountain/hill tops above 600m: Little chance in west but nearer 60% in east.

Visibility: Periods or persistent cloud above 450-600m in the west with patches below, but cloud more occasional across the north and east. Otherwise visibility good, occasionally very good in east, falling to several kilometres in drizzle and several hundred metres in any low level fog.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 16 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SW	14/20 SW	13/19 W	12/17 SW	12/18 W	10/14 W	9/14 W	7/12 W	6/9 W
300	7/16 SW	8/16 W	7/15 W	6/13 W	8/15 W	6/11 W	5/10 W	4/10 W	3/7 W
Valley	5/12 SW	4/11 SW	3/10 SW	4/10 SW	6/11 SW	4/9 SW	3/8 SW	2/6 W	2/4 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	5/1	5/1	5/2	6/2	5/2	5/2	4/1	4/2
300	7/5	7/5	7/5	7/6	8/6	7/6	7/5	6/4	6/5
Valley	8/7	8/7	8/7	8/7	9/7	8/8	8/7	7/7	7/7
Freezing Level*	1600m	1500m	1600m	1700m	1900m	2000m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures under clearer skies in east nearer plus 2 or 3 Celsius at dawn and again later in evening. Note that some of the recent rainfall measured at Malham may be due to snow melt from recent weeks entering the rain gauge.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Dec 2021	0.6mm	2.8mm	4.6mm

Forecast for Friday 17 Dec 2021

Weather: Largely dry but rather a lot of cloud around across western hills, However, once again, eastern hills seeing clear or sunny spells with some low level fog, which may prove reluctant to clear.

Maximum wind: Southwesterly 10-15mph

Chance of cloud free mountain/hill tops above 600m: Little chance in west, but nearer 60% in east.

Visibility: Periods or persistent cloud above 300-450m in the west, but cloud more occasional across east. Otherwise visibility rather hazy in west, good or very good in east, but several hundred metres in any low level fog.

Temperature:
Valleys: Plus 1 or 2 Celsius in east overnight and in any persistent low level fog, otherwise 6 or 7 Celsius
At 600m: Around plus 4 Celsius
Freezing level: Above the summits

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